

USSN 10/817,628 (AD6991)

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Amendments to Claims

16. (Currently amended) A building comprising :  
a support structure having a retaining channel  
formed therein,

a glazing element for exterior pressure plate  
glazing, the glazing element comprising:

(a) a laminate having at least one glass  
layer bonded to a thermoplastic polymer  
interlayer,

the glass layer having first and  
second planar surfaces and an edge,

the thermoplastic polymer  
interlayer being directly bonded to one  
of the planar surfaces of the glass  
layer,

a portion of the thermoplastic  
polymer interlayer extending past and  
overlying the edge of the glass layer,  
and

(b) an attachment clip for holding the  
laminate in or attaching the laminate to the  
support structure, the attachment clip including a  
mounting portion and an arm,

the mounting portion of the  
attachment clip being bonded directly to  
the extending portion of the  
thermoplastic polymer interlayer,

the arm extending away from the  
mounting portion in a direction that is  
generally perpendicular to the planar  
surfaces of the glass layer,

a portion of the arm projecting  
into the retaining channel to align and  
hold the laminate therein, the  
projecting portion of the arm

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interlocking the laminate to the support structure thereby to restrict rotational and/or transverse movement of the laminate within the channel or movement of the laminate out of the channel

~~a first glazing element for exterior pressure plate glazing, a second glazing element for exterior pressure plate glazing, and a support structure, wherein (a) the first glazing element and the second glazing element each comprise a and an attachment means for holding the laminate in, or attaching the laminate to, a support structure; (b) in each of the first glazing element and the second glazing element the attachment means is bonded directly to at least one surface of a thermoplastic polymer interlayer; (c) the laminates each comprise at least one layer of glass bonded directly to the interlayer on at least one glass surface; (d) the interlayer of each laminate extends beyond at least one edge of the laminate and the extended portion of the interlayer is attached to the attachment means; (e) in each of the glazing elements the attachment means is a clip useful for aligning and holding the laminate in a retaining channel of the support structure, wherein the clip comprises at least one mechanical interlocking extension useful for restricting rotational and/or transverse movement of the laminate within the channel or movement of the laminate out of the channel; and (f) the first clip and the second clip interlocked to the support structure.~~

17. (Currently amended) The building of Claim 16 wherein the ~~first and second glazing elements are held in a retaining channel~~ is formed by a mullion and a pressure plate.

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18. (Currently amended) The building of Claim ~~16~~  
~~17~~ wherein ~~each of the first and second glazing element~~  
~~is elements~~ are contacted by gaskets which assist in  
holding the glazing element ~~elements~~ in the channel  
~~formed by the mullion and the pressure plate.~~

19. (Currently amended) The building of Claim ~~18~~  
~~16~~ wherein the ~~first laminate and the second laminate~~  
are further comprises:

a second glass layer having first and second  
planar surfaces and an edge thereon,

one of the planar surfaces of the second  
glass layer being bonded to the thermoplastic  
polymer interlayer with a portion of the  
thermoplastic polymer interlayer extending past  
and overlying the edge of the second glass layer,  
thereby to form a glass/interlayer/glass laminates  
laminate .

20. (Currently amended) The building of Claim ~~19~~  
~~18~~ further comprising a fastener that holds the  
pressure plate and mullion together, and that can be  
tightened or loosened to apply more or less pressure to  
the gaskets holding the glazing element.

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